REPORT NO. 77-3-39

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

LAND OWNERSHIP OR SURVEY AREA: Sumter National Forest,
Andrew Pickens Ranger District

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 129,000 acres

DATE SURVEYED: 8/31/77

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: C. W. Dull
W. A. Carothers

SURVEY OBJECTIVES: To detect forest insect and disease activity on the Andrew Pickens Ranger District. Special emphasis was placed on delineating areas of pine mortality suspected to be caused by southern pine beetle activity.

SURVEY RESULTS

A total of 18 spots containing an estimated 110 red and fading pine trees was observed adjacent to the National Forest boundary. Thirteen spots containing an estimated 70 red and fading pines were detected on National Forest land. Average spot size was six trees with a range from 1 to 25 trees. All spots detected during the aerial survey and the estimated number of trees per spot are indicated on the attached maps.

CONCLUSIONS

Forest insect and disease activity appears to be at a low level on the Andrew Pickens Ranger District. The small number and size of spots containing red and fading pines also indicate a low level of southern pine beetle activity.

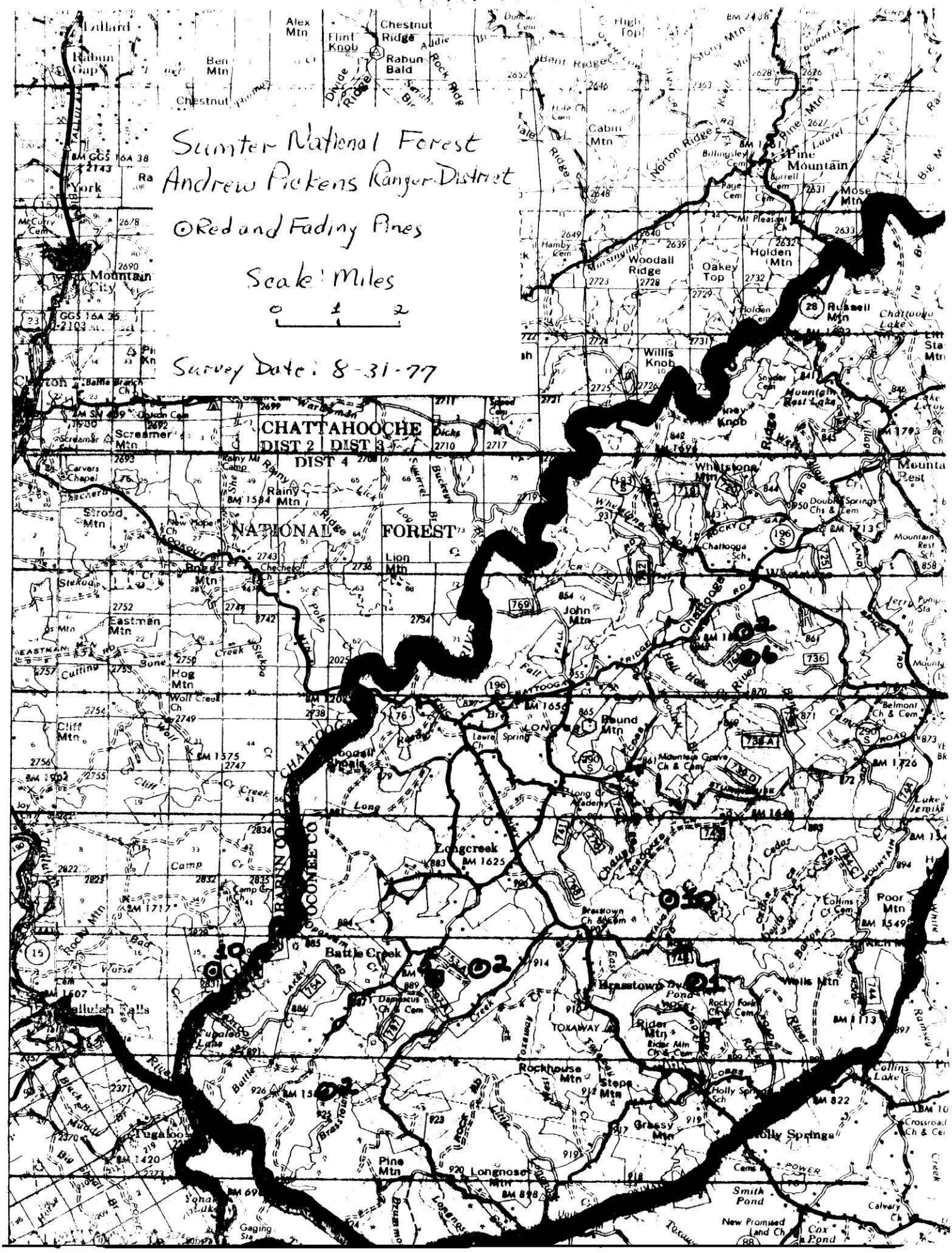
For any additional information, Contact

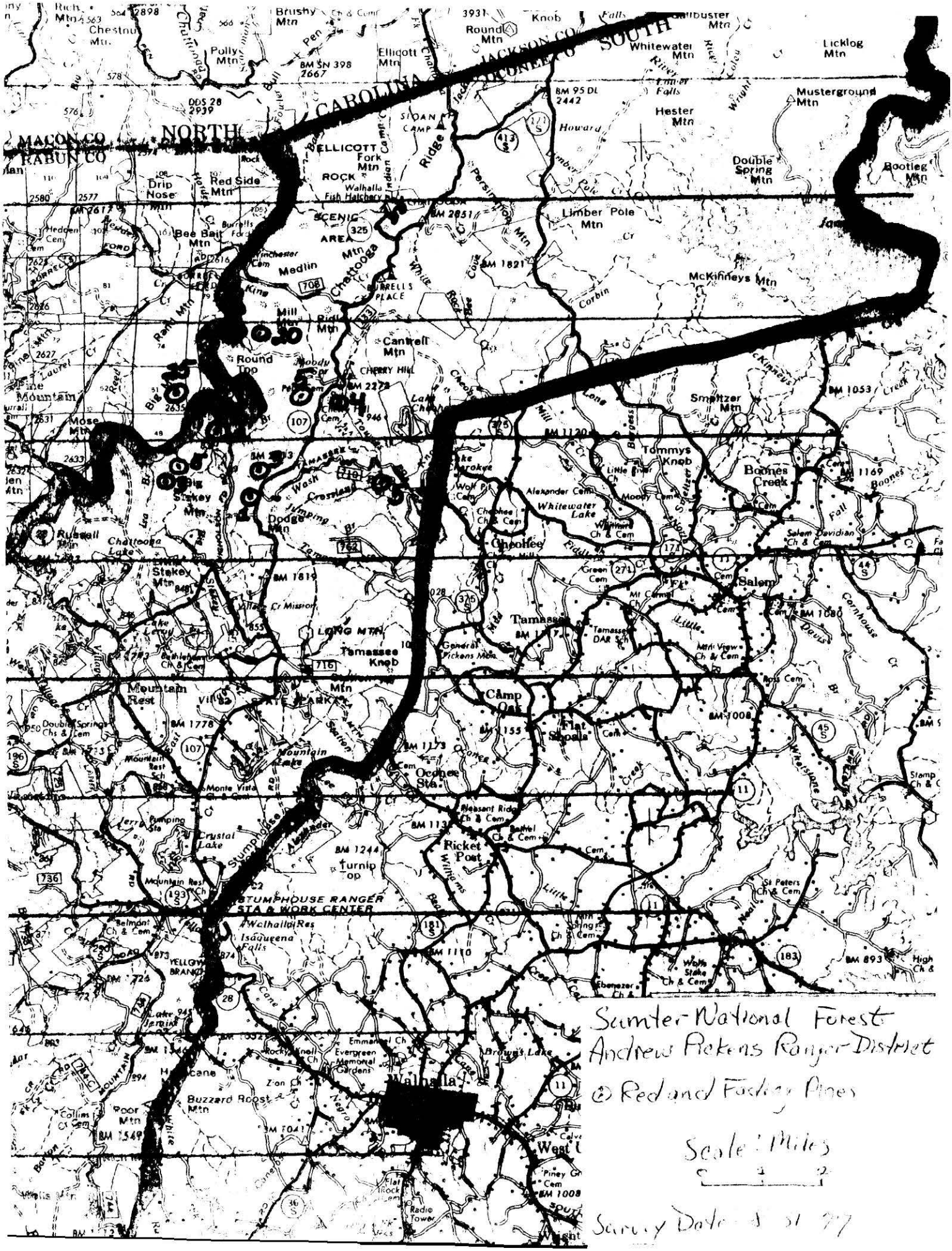
Forest Insect & Disease Management Unit, S&PF
USFS - Southeastern Area

Northgate Office Park, Room 2103
3620 Interstate 85, N.E.
Doraville, Ga. 30340
Telephone: 404-221-4796

or

P. O. Box 5895
Asheville, N. C. 28803
Telephone: 704-258-2850
Ext. 625


Sumter National Forest
Andrew Pickens Ranger District
Red and Fading Pines
Scale: Miles
0 1 2
Survey Date: 8-31-77
CHATTAHOOCHEE NATIONAL FOREST
DIST 2 DIST 3
DIST 4
RABUN CO
OCONEE CO
Dillard
Rabun Gap
Alex Mtn
Chestnut Ridge
Flint Knob
Rabun Bald
Ben Mtn
Chestnut Mtn
Cabin Mtn
Pine Mountain
Mose Mtn
Woodall Ridge
Oakey Top
Holden Mtn
Russell Mtn
Willis Knob
Whitestone Mtn
Mountain Rest
Mountain City
York
Screamer Mtn
Rainy Mtn
Stroud Mtn
Eastman Mtn
Hog Mtn
Cliff Mtn
Lion Mtn
John Mtn
Round Mtn
Longcreek
Brasstown
Wells Mtn
Rider Mtn
Rockhouse Mtn
Stope Mtn
Grassy Mtn
Pine Mtn
Longnose Mtn
Roor Mtn
Tallulah Falls
Tugaloo Lake
Lake Seneca
Holly Springs
Smith Pond
Cox Pond
Chattooga River
Tallulah River
Tugaloo River
Battle Creek
Toxaway
Chattooga Sch
Mountain Rest Sch
Holly Springs Sch
Rocky Fork Ch & Cem
Mountain Grove Ch & Cem
Brasstown Ch & Cem
Collins Ch Cem
Dacusville Ch Cem
Bethel Ch
Carvers Chapel
Belmont Ch & Cem
Crossroad Ch & Cem
New Promised Land Ch
Calvary Ch
Gaging Sta
Power
Cem
Sch
Ch
Creek
Mtn
Ridge
Gap
Lake
Pond
Falls
Bridge
Rd
Trail
Loop
Spring
Camp
Valley
Knob
Top
Hill
Hollow
Branch
Fork
Cove
Gorge
Bald
Rock
Pole
Bear
Deer
Wolf
Snake
Buck
Laurel
Pine
Oak
Cedar
Maple
Hickory
Chestnut
Poplar
Walnut
Sycamore
Willow
Elm
Ash
Birch
Beech
Hemlock
Spruce
Fir
Balsam
Rhododendron
Mountain Laurel
Blueberry
Huckleberry
Blackberry
Raspberry
Strawberry
Grape
Vine
Moss
Fern
Grass
Meadow
Field
Pasture
Orchard
Garden
Farm
House
Barn
Shed
Fence
Gate
Road
Trail
Path
Bridge
Culvert
Ford
Ferry
Dam
Lake
Pond
Reservoir
Spring
Well
Cistern
Windmill
Water Tower
Power Line
Telephone Line
Cable
Antenna
Tower
Building
Church
School
Cemetery
Graveyard
Monument
Marker
Boundary
Property Line
Survey Line
Benchmark
Triangulation Station
Elevation
Contour
Slope
Aspect
Ridge
Valley
Saddle
Peak
Summit
Divide
Watershed
Drainage
Erosion
Sediment
Soil
Rock
Stone
Gravel
Sand
Clay
Loam
Silt
Humus
Litter
Duff
Leaf
Needle
Twig
Branch
Trunk
Root
Bark
Wood
Timber
Lumber
Sawmill
Logging
Harvest
Thinning
Planting
Seedling
Sapling
Pole
Mature
Old Growth
Second Growth
Clear Cut
Selective Cut
Shelterwood
Seed Tree
Group Selection
Single Tree Selection
Uneven Aged
Even Aged
Regeneration
Succession
Climax
Pioneer
Shade Tolerant
Shade Intolerant
Drought Tolerant
Fire Tolerant
Disease Resistant
Insect Resistant
Wind Firm
Windthrow
Snow Damage
Ice Damage
Lightning
Fire
Burn
Prescribed Burn
Wildfire
Suppression
Prevention
Detection
Lookout
Tower
Radio
Telephone
Dispatch
Crew
Engineer
Ranger
Supervisor
Forester
Technician
Aide
Volunteer
Public
Visitor
Recreation
Camping
Hiking
Trail
Shelter
Picnic
Swimming
Boating
Fishing
Hunting
Wildlife
Habitat
Deer
Bear
Turkey
Grouse
Quail
Rabbit
Squirrel
Raccoon
Fox
Coyote
Bobcat
Mountain Lion
Elk
Moose
Beaver
Otter
Mink
Muskrat
Fish
Trout
Bass
Catfish
Bluegill
Crappie
Perch
Pike
Walleye
Salmon
Steelhead
Amphibian
Frog
Toad
Salamander
Newt
Reptile
Snake
Lizard
Turtle
Alligator
Bird
Eagle
Hawk
Owl
Falcon
Vulture
Crow
Raven
Jay
Blue Jay
Cardinal
Robin
Wren
Sparrow
Finch
Warbler
Thrush
Woodpecker
Flicker
Hummingbird
Swallow
Martin
Chickadee
Titmouse
Nuthatch
Creeper
Kinglet
Gnatcatcher
Vireo
Tanager
Grosbeak
Bunting
Meadowlark
Oriole
Blackbird
Starling
Mockingbird
Catbird
Thrasher
Waxwing
Shrike
Flycatcher
Phoebe
Kingbird
Pewee
Swift
Nighthawk
Whippoorwill
Goatsucker
Cuckoo
Roadrunner
Dove
Pigeon
Quail
Grouse
Turkey
Pheasant
Partridge
Chukar
Peafowl
Guinea
Chicken
Duck
Goose
Swan
Loon
Grebe
Pelican
Cormorant
Anhinga
Heron
Egret
Bittern
Ibis
Spoonbill
Flamingo
Stork
Crane
Rail
Coot
Gallinule
Sandpiper
Plover
Killdeer
Avocet
Stilt
Phalarope
Gull
Tern
Skimmer
Jaeger
Skua
Auk
Puffin
Murre
Guillemot
Dovekie
Albatross
Petrel
Shearwater
Fulmar
Storm Petrel
Diving Petrel
Penguin
Ostrich
Rhea
Emu
Cassowary
Kiwi
Moa
Dodo
Solitaire
Passenger Pigeon
Carolina Parakeet
Ivory-billed Woodpecker
Imperial Woodpecker
Red-cockaded Woodpecker
Bachman's Warbler
Kirtland's Warbler
Golden-cheeked Warbler
Black-capped Vireo
Attwater's Prairie Chicken
Whooping Crane
Aplomado Falcon
Peregrine Falcon
Bald Eagle
Golden Eagle
Osprey
Kite
Harrier
Accipiter
Buteo
Eagle
Falcon
Caracara
Vulture
Condor
Owl
Barn Owl
Screech Owl
Great Horned Owl
Snowy Owl
Burrowing Owl
Spotted Owl
Barred Owl
Great Gray Owl
Long-eared Owl
Short-eared Owl
Saw-whet Owl
Pygmy Owl
Elf Owl
Ferruginous Pygmy Owl
Northern Pygmy Owl
Boreal Owl
Tawny Owl
Hawk Owl
Great Gray Owl
Snowy Owl
Barred Owl
Great Horned Owl
Barn Owl
Screech Owl
Burrowing Owl
Spotted Owl
Long-eared Owl
Short-eared Owl
Saw-whet Owl
Pygmy Owl
Elf Owl
Ferruginous Pygmy Owl
Northern Pygmy Owl
Boreal Owl
Tawny Owl
Hawk Owl


Sumter National Forest
Andrew Pickens Ranger District
Red and Fodder Pines
Scale: Miles
0 1 2
Survey Date 1 31 77